APPENDIX:

The Appendix includes the following item(s):

☒ - a new or amended Abstract of the Disclosure

☐ - a Replacement Sheet for Figure of the drawings

☐ - a Substitute Specification and a marked-up copy of the originally-filed specification

☐ - a terminal disclaimer

☐ - a 37 CFR 1.132 Declaration

☐ - a Substitute Specification and a marked-up copy of the originally-filed specification

☐ - a verified English translation of foreign priority document

ABSTRACT

A process for the production of an active molecule vector that can be applied in the biomedical field, includes the following stages:

- Diluting a monomer that has at least two NH_2 groups that are separated by at least four carbons in water,
- Adjusting the pH to a value of between 6.5 and 7.5,
- Adding glutaraldehyde, $OHC-(CH_2)_3-COH$, and
- Awaiting the polycondensation reaction and the formation of imines, and
- Recovering the poly(monomer-G) that is obtained.

The monomer is selected from among the L-ornithine, the L-lysine or the L-citrulline.

Further described are the biomedical vector that is obtained, and the use as a vector of active molecules, such as fatty acids, antioxidants, vitamin-enriched compounds or neurotransmitters for having bacteriostatic, anti-allergenic, anti-parasitic, anti-predatory or antifungal, anti-inflammatory or immunomodulating activities.